IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): A charging device comprising:

a charge roller formed with annular grooves at opposite end portions thereof and configured to charge an image carrier; and

annular gap forming members each being fitted in a particular one of said annular grooves for forming a gap between said charge roller and the image carrier;

wherein said gap forming members each have an area of 1.0×10^{-6} m² to 3.0×10^{-6} m² in a section containing an axis of said charge roller.

Claim 2 (Original): The charging device as claimed in claim 1, wherein said gap forming members are formed of a thermally shrinkable material.

Claim 3 (Original): The charging device as claimed in claim 1, wherein a ratio of a width of each of said gap forming members in an axial direction of said charge roller to a thickness is between 25 and 100.

Claim 4 (Original): The charging device as claimed in claim 1, wherein said charge roller comprises a resin layer.

Claim 5 (Original): The charging device as claimed in claim 4, wherein said resin layer contains an ion-conductive substance.

Claim 6 (Original): The charging device as claimed in claim 4, wherein a ratio of a thickness of said resin layer to a thickness of an individual gap forming member is between 5 and 20.

Claim 7 (Original): The charging device as claimed in claim 1, wherein said gap forming members are formed of a fluorine-based resin.

Claim 8 (Original): The charging device as claimed in claim 7, wherein the fluorine-based resin is insulative.

Claim 9 (Original): The charging device as claimed in claim 1, further comprising voltage applying means for applying to the image carrier via said charge roller a voltage made up of a DC voltage and an AC voltage superposed on said DC voltage and having a peak-to-peak voltage that is two times or more higher than a discharge start voltage between said charge roller and said image carrier.

Claim 10 (Original): An image forming apparatus comprising: an image carrier; and a charging device configured to charge said image carrier; said charging device comprising:

a charge roller formed with annular grooves at opposite end portions thereof and configured to charge said image carrier; and

annular gap forming members each being fitted in a particular one of said annular grooves for forming a gap between said charge roller and said image carrier;

wherein said gap forming members each have an area of 1.0×10^{-6} m² to 3.0×10^{-6} m² in a section containing an axis of said charge roller.

Claim 11 (Original): The apparatus as claimed in claim 10, wherein the gap is 100 μ m or less between a portion of said charge roller delimited by said annular grooves and corresponding to an image forming range of said image carrier and said image carrier.

Claim 12 (Currently Amended): The apparatus as claimed in claim 10, further comprising a cleaning member having a length great enough to contact at least two both of said gap forming members in the axial direction and configured to clean said charge roller and said gap forming members.

Claim 13 (Currently Amended): The apparatus as claimed in claim 10, wherein at least said charging device and said image carrier are constructed into a single unit removably removaly mounted to a body of said apparatus.

Claims 14-49 (Canceled).